

PANUNESCU-PODEANU, A.; BERINDEI, L.; MICLEA, F.; DANCAU, G.; FALCOIANU, A.;  
SGAVIRDIA, C.; LAZAR, G.

Reactive episodic hypertension during the initial period of myocardial  
infarct. Med. int., Bucur. 10 no. 4:541-546 Apr 58.

(MYOCARDIAL INFARCT, manifestations

episodic hypertension, in early infarct)

(HYPERTENSION, etiol. & pathogen.

myocardial infarct, early stages)

EXCERPTA MEDICA Sec 9 Vol 13/4 Surgery Apr 59

1750. (549) CONSIDERATIONS ON THE VERTEBRAL HAEMANGIOMA - Considerații legăturate cu hemangiomul vertebral - Chișleag Gh., Aronovici S., Lazar G., and Petrovanu C. - REV. MED. CHIR. IAȘI 1958, 62/1 (37-43) Illus. 8

The study of 12 cases showed that the most important radiological signs are: the growth in volume of a single vertebral body presenting a porous or netlike structure, resembling a honeycomb, and vertical striae on the lateral X-ray picture. Seven of these cases were symptomless. In 4 of the other cases, presenting more or less pronounced effects of medullary compression, treatment consisted of decompressive laminectomy followed by X-ray irradiation. X-ray treatment was followed by improvement of clinical disturbances and even by their complete disappearance. The technique of X-ray treatment is described.

Litarczek - Bucharest (IX, 18\*)



KOVATS, Tibor György; REŐK, Andor; LAZAR, György; TAKATS, Istvan

Changes in the total fat, cholesterol, phosphatides and fat depot  
in Shwartzman phenomenon. Kísérletes Orvostudomány 11 no.6:615-620  
D '59.

1. Szegedi Orvostudományi Egyetem Gyógyszertani Intézete.  
(ALLERGY exper.)  
(FATS metab.)  
(CHOLESTEROL metab.)  
(PHOSPHOLIPIDS metab.)

KOVATS, Tibor Gyorgy; LAZAR, Gyorgy; REOK, Andor; VEGH, Pal

Glycoprotein changes in Shwartzman phenomenon. Kiserletes  
Orvostudomany 12 no.1:30-34 F '60.

1. Szegedi Orvostudomanyi Egyetem Gyogyszertani Intezete.  
(ALLERGY exper)  
(GLYCOPROTEINS blood)

BAYULESKU, G. [Baiulescu, G.] ; LAZER, A. [Lazar, G.]; KRISTESCU, K.  
[Cristescu, G.]

On organic reagents for osmium. Zhur.anal.khim. 15 no.4:  
505-506 Jl-Ag '60. (MIRA 13:9)

I. G.I.Parhon University, Bucharest, Rumania.  
(Osmium--Analysis)

KOVATS, T.G.; LAZAR, G.; RECK, A.; VEGH, P.

Glycoprotein changes in the course of Shwartzman phenomenon.  
Acta physiol.hung. 17 no.3:343-348 '60.

1. Institute of Pharmacology, Medical University, Szeged.  
(ALLERGY exper)  
(GLYCOPROTEINS blood)

REOK,A.; LAZAR,G.; KOVATS,T.G.

The role of indogenous heparin in the pathomechanism of Shwartzman phenomenon. Acta physiol.hung. 17 no.3:349-354 '60.

1. Institute of Pharmacology, Medical University, Szeged.  
(ALLERGY exper)  
(HEPARIN blood)

KOVATS, Tibor Gyorgy; LAZAR, Gyorgy; VEGH, Pal

Endotoxin hypersensitivity and relation of this phenomenon to  
Shwartzman phenomenon. Kiserl. orvostud. 14 no.1:12-27 Mr '62.

1. Orvostudomanyi Egyetem Gyogyszertani Intezete, Szeged.  
(ALLERGY exper) (TOXINS AND ANTITOXINS)

HUNGARY

KOVATS, Tibor Gyorgy, LAZAR, Gyorgy, and VEGH, Pal, of the Institute for Pharmacology at the Medical University (Orvostudomanyi Egyetem Gyogyszertani Intezete) in Szeged.

"The Phenomenon of Endotoxin Hypersensitivity and Its Relation to the Shwartzman Phenomenon"

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol 23, No 2, 1963, pp. 169-187.

Abstract: [English article; authors' English summary, abbreviated]  
The authors succeeded in eliciting a generalized Schwartzman phenomenon-like kidney lesion in guinea-pigs by a single intravenous endotoxin dose under reticuloendothelial blockade. The reaction following the injection into the skin of rabbits displays the gross and microscopic picture of the delayed type of hypersensitivity reaction. The phenomenon of endotoxin hypersensitivity is probably a natural hypersensitivity which exists in every animal in symbiosis with endotoxin-producing microorganisms. Thirty-four references, including 1 German and 33 Western.

1/1

HUNGARY

LAZAR, Gyorgy; Medical University of Szeged, Pathophysiological Institute  
(Szegedi Orvostudomanyi Egyetem Korelettani Intezet).

"The Modification and Application of the Ouchterlony Technique for the  
Purification of Antibodies."

Budapest, Kisérletes Orvostudomány, Vol XV, No 3, June 1963, pp 333-335.

Abstract: [Author's Hungarian summary] The article describes a modification  
of the Ouchterlony technique which is simple, can be set up rapidly for  
serial testing and can be evaluated accurately. It also suggests the pos-  
sibility for a new immunological isolation and confirms the specific  
nature of the bands developed on the Ouchterlony plates. 2 Western  
references.

15

2473

LAZAR, Gyorgyne, dr.; TOKES, Laszlo

Standardization in microfilming and document reproduction.  
Szabvany kozl 17 no.4:182-187 Ap '65.

1. Head, Library of the Hungarian Bureau of Standardization,  
Budapest (for Lazar). 2. Head, Microfilm Laboratory of the  
Library of the Hungarian Academy of Sciences, Budapest (for  
Tokes).

L 10341-66

ACC NR: AP6003354

SOURCE CODE: HU/0018/65/017/002/0206/0209

20  
B

AUTHOR: Lazar, Gyorgy--Lazar, D.

ORG: Institute of Pathophysiology, Medical University of Szeged (Szegedi  
Orvostudomanyi Egyetem Korelettani Intezete)

TITLE: Determination of fibrinogen and fibrinolysis in small amounts of plasma

SOURCE: Kiserletes Orvostudomany, v. 17, no. 2, 1965, 206-209

TOPIC TACS: biochemistry, blood plasma, protein, hematology

ABSTRACT: Method is described for the de-  
termination of fibrinogen and fibrinolysis which is simple, suited also for  
serial determinations and requires a small amount of plasma. The amount of  
fibrin bound with filter paper soaked in a thrombin solution is  
determined after washing for the fibrinogen determination and after in-  
cubation at 37° C, followed by washing and staining with fuchsin for the  
study of fibrinolysis. Orig. art. has: 2 figures. [JPRS]

SUB CODE: 06 / SUBM DATE: 23May64 / ORIG REF: 004 / OTH REF: 015

Card 101

L 13510-66

ACC NR: AP6007036

SOURCE CODE: HU/0018/65/017/003/0238/0242

18B

AUTHOR: Lazar, Gyorgy--Lazar, D.; Husztik, Erzsebet--Khustik, E.

ORG: Medical University of Szeged, Institute of Pathophysiology and Anatomy  
(Szegedi Orvostudomanyi Egyetem, Korelettani es Anatomiai Intezet)

TITLE: Hemorrhagic skin reaction in the rat without endotoxin

SOURCE: Kiserletes orvostudomany, v. 17, no. 3, 1965, 238-242

TOPIC TAGS: rat, pathology, serum, antigen, allergic disease, dermatology

ABSTRACT:

In the course of the present experiments, a hemorrhagic skin reaction was developed, with rabbit serum antagonistic to rat kidney, in rats strongly refractory toward the Schwartzman reaction. The reaction obtained was characterized by the mass infiltration of neutrophil granulocytes localized in the subcutis, erythrocyte extravasation, in some places with eosinophilic granulocytes and mononuclear cells.

Orig. art. has: 4 figures. [JPRS]

SUB CODE: 06 / SUBM DATE: 29Jun64 / ORIG REF: 002 / OTH REF: 021

Card 1/1 HW

HUNGARY

LAZAR, Gyorgy: Medical University of Szeged, Institute of Pathophysiology  
(Szegedi Orvostudomanyi Egyetem, Korelettani Intezet).

"Model Experiment for the Differentiation Between Intravascular Clotting  
and Excessive Fibrinolysis."

Budapest, Kiserletes Orvostudomany, Vol XVIII, No 4, Aug 66, pages 379-382.

Abstract: [Author's Hungarian summary] Using immune electrophoresis and the Ouchterlony technique on anti-fibrin serum, it was demonstrated that, after i.v. thrombin injection, fibrinogen-fibrin decomposition products appear in the serum of rats. It was proven that the appearance of the decomposition products is indeed due to the effect of the secondarily-activated fibrinolysis since they did not appear in the presence of a simultaneous EACA treatment. Under experimental conditions, the method reported can be suitably used for the differentiation between intravascular clotting and excessive fibrinolysis, in processes involving hypo- or afibrinogenemia, or for the determination of the primary mechanism. 2 Hungarian, 9 Western references. [Manuscript received 20 Jul 65.]

1/1

- 15 -

LAZAR, Gyorgyne, dr.

Technical Documentation Division of the Institute of Standardization of the Council for Mutual Economic Assistance. Szabvany kozl 16 no.12:215 D '64.

1. Head, Library of the Hungarian Bureau of Standards,  
Budapest.

LAZAR, H., conf. ing.; BUHUS, P., ing.

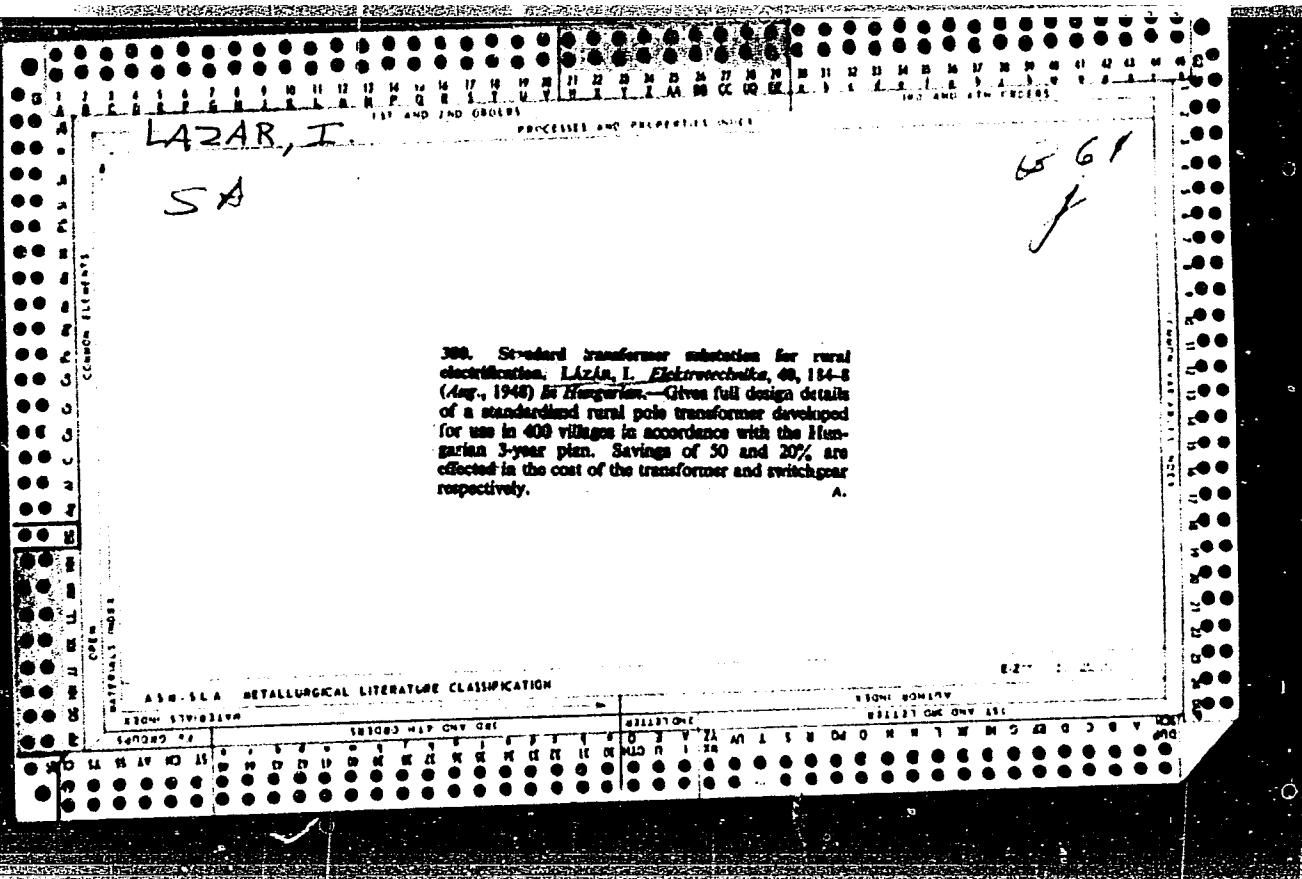
Calculation method for determining neutral drift in  
networks equipped with P. coil. Energetica Rum 11 no.6:255-261  
Je '63.

LAZAR, I.

A study of infiltrations through dams in project at reed cultures along the Sulina Canal.

p. 229 (Celuloza Si Hirtic. Vol. 6, no. 7, July 1957. Bucuresti, Romania)

Monthly Index of East European Accessions (EEAI) IC. Vol. 7, no. 2,  
February 1958



LÁZÁR, I.

2

H U N G .

621.313.32 , 621.3.016.35

1465. Approximate solution by field vectors of the differential equation describing the swinging of synchronous machines. I. LÁZÁR. Elektrotehnika, 47, No. 11, 98-122 (Nov., 1955) in Hungarian.

A simplified graphical method is described for treating the problems of dynamic stability of systems consisting of not more than two power stations. The phase angle oscillation curve is determined. Characteristic curves are shown indicating the limits of dynamic stability of two machine systems. L. CIRAVAS

RDW/2788

## PLATE I BOOK EXPLANATION

Ciul, Tvergargrad. Institute Politehnicheskii Filial (Scientific Works) Ciul, Interpolitizdat Publishers, 1959.  
657 p., frontispiece slip inserted. No. or copies printed not given. No  
contributors mentioned.

PURPOSE: This book is intended for mathematicians, physicists, chemists, and  
civil and mechanical engineers.  
SCOPE: The book consists of 59 papers by Russian specialists on problems in  
mathematics, particularly mathematics, physics, chemistry,  
mechanics, civil and mechanical engineering. Some of the articles  
are in English, German and French. At the end of each article, some of the articles  
are accompanied by references. Most references are mentioned. At the back  
of the book there are 27 references, all Russian.

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OCT 19/12

T 78287

BILY, M., inzh.; LAZAR, I., inzh.

Building and road machinery at the International Fair in Brno.  
Stroi. i dor mash. 7 no.6:29-34 Je '62. (MIRA 15:7)  
(Brno--Fairs) (Construction equipment--Exhibitions)  
(Road machinery--Exhibitions)

BUCUR, Elena (Bucuresti); LAZAR, Ion (Bucuresti)

Bacteriosis of the mulberry tree and its control. Natura  
Geografie 12 no. 6:74-79 N-D '60.

✓ 2635. Storage of dextran. Gy. Fekete, L. Gyermek, and I. Lázár  
*Acta physiol. Acad. Sci. hung.*, 1955, 8, 147-153 (Pharmacological Res. Inst., Budapest, Hungary).—The dextran content of blood, liver, and spleen of rats was determined at different times following an i.v. injection of dextrans of different mol. wt. (35,000 to 300,000) and intrinsic  $\eta$  (0.1 to 0.32). The stored amount and storage time was proportional to mol. wt. After 144 hr. very little was found in the organism even of the dextran of the highest mol. wt. Histamine has no effect on dextran storage; i.v. colloidal Ag diminishes it. A. B. L. BEZNÁK.

3

✓ Antiserotonergic action of chlorpromazine and some other phenothiazine derivatives. L. Gyenes, J. Lutz, and A. Zs. Csik (Pharm. Ind. Research Inst., Budapest).  
*Acta Intern. Pharmacodynamic* 107: 62-74 (1966) (in English).—Chlorpromazine, Phenergan, Diparco, miltergan, and Ahistat were effective in decreasing order of potency against the action of serotonin on the isolated rat uterus and on the blood pressure of decapitated cats or those under ganglionate blockade. The psychosedative effects seemed to parallel the antiserotonin action. *AL F. C. Bernheim*

LAZAR, Imre, Dr.

Acute chlorpromazine (largactil, etc.) poisonings. Orv. hetil. 99  
no.21:704-707 25 May 58.

1. A Fovarosi Koranyi Frigyes es Sandor Kozkorhaz (igazgato: Petho  
Imre dr.) Baleseti Belgyogyaszati Osztalyanak (foorvos: Balazs Gyula  
dr., az orvostudomanyok kandidatusa) kozlemenye.

(CHLORPROMAZINE, pois.  
case reports (Hun))

EXCERPTA MEDICA Sec 6 Vol 13/10 Internalized Oct 50

6003. A CASE OF ACUTE SEVERE POISONING WITH CALOMEL ( $Hg_2Cl_2$ ) -  
Súlyos, heveny kalomel mérgezés esete - Lázár I. Fövárosi Korányi  
Frígyes és Sándor Kózkórház Baleseti Belyegyzászati Osztal. Közl. - ORV.

HETIL. 1958, 99/29 (991-992) Tables 1

The patient swallowed 100 g. of calomel, intending to commit suicide. She was taken to the hospital after 6 hr. Thanks to preliminary treatment, toxic symptoms did not develop until the 3rd day. The diarrhoea expected on the 1st day did not occur. A condition of anuria was present for 6 days. Otherwise, the usual symptoms of mercury poisoning were present. Polyuria set in on the 13th day after the poisoning. At the same time the albuminuria disappeared, the residual non-protein-N values gradually decreased, and the specific gravity of the 24-hour urine rose to 1016. The patient was dismissed free of complaints on the 22nd day of hospitalization. She had been treated with gastric lavage, antidotum metallorum Sauter, activated charcoal, intestinal lavage, dimercaprol, and Na thiosulphate.

Medgyeski - Sopron

BORSY, J.; LAZAR, I.; OSZKEMADIA, Zs.; TOLDY, L.

~~Studies on bromethazine. Acta physiol. hung. 15 no.4:339-343 1959~~

1. Institute for Pharmacoindustrial Research, Budapest.  
(PROMETHAZINE, related compounds)

BORSY, J.; CSAK, ZS, A.; IAZAR, I.; BAGDY, D.

Pharmacological actions of Pancreatic elastase. Acta physiol. hung.  
15 no.4:345-362 1959

- I. Institute for Pharmacoindustrial Research, Budapest.  
(PROTEASES, pharmacology)  
(PANCREAS, metabolism)

BODA, Domokos, dr.; MURANYI, Laszlo, dr.; LAZAR, Imre, dr.; SZIJJARTO, Oliver, dr.;  
VERES, Dezso, dr.

Role of prolonged mechanical artificial respiration in the  
treatment of poisoning with narcotic preparations. Orv. hetil.  
101 no.17:577-583 24 Ap '60.

1. Fovarosi Laszlo korhaz, a Fovarosi Kordanyi korhaz mergezesi  
osztalya es a Magyar Nephadwerek Eu. Szolgalata.  
(BARBITURATES toxicol.)  
(RESPIRATION ARTIFICIAL)

LAZAR, Imre, dr.; MOLNAR, Gyorgy, dr.

The life-saving effect of artificial respiration in severe cyanide poisoning. Orv. hetil. 102 no.20:937-938 14 My '61.

1. Koranyi Frigyes es Sandor Kozkorhaz, Baleseti Belgyogyaszati Osztaly.

(CYANIDES toxicol) (RESPIRATION ARTIFICIAL)

BUCUR, Elean; LAZAR, I.

Studies on the tomatoes infected by the bacterium *Corynebacterium michiganense* (E. F. Smith) Jensen. Comunicarile AR 12 no.1:129-135 Ja '62

1. Comunicare prezentata de Alice Savulescu, membru corespondent al Academiei R.P.R.

COSTAKE, N.; LAZAR, I.S.

Synthesis method of logical circuits without storage. Automatica  
electronica 6 no.5:204-211 S-0 '62.

LAZAR, Io.; BUCUR, Elena

Contributions to the study of the blacking of the stem bases and the humid rot of potato tubers in Rumania. Studii cerc biol s. bot 16 no.5:453-465 '64.

I. Laboratory of Phytopathology, "Traian Savulescu"  
Institute of Biology.

POPOVICI, I.; LAZAR, I.

Research on zoopathogenic action of some species of bacteria from  
the Erwinia genus. Studii cerc biol s. zool 16 no.6:565-570 '64.

1. Laboratory of Viruses and Bacteria, of the "Traian Savulescu"  
Institute of Biology. 2. Corresponding Member of the Romanian Academy  
(for Popovici).

LAZAR, I.

A new phytopathogenic agent in Rumania which pierces the leaves of the plum tree (*Pseudomonas mors-prunorum*). Studii cerc biol s. bot 16 no.6:575-581 '64.

l. Laboratory of Viruses and Bacteria, "Traian Savulescu"  
Institute of Biology.

LAZAR, Imre, dr.

Cases of acute frenolon poisoning. Orv. hetil. 105 no.41:1943-  
1946 11 0 '64.

l. VII ker. Tanacs Koranyi Frigyes es Sandor Korhaz, Balesti  
Belgyogyaszati Osztaly.

SULACSIK, Laszlo; LAZAR, Istvan; KRISAR, Csilla

Investigating the rubbing sensitivity of the three-component  
pyrotechnic dust mixtures. Munkavedelem 8 no.7/9:16-19 '62.

44389

R/011/62/006/005/003/003

A065/A126

6.02.62)

AUTHORS: Costake, N., and Lazăr, I.S.

TITLE: Synthesis method for logical circuits without memory

PERIODICAL: Automatica și electronica, v. 6, no. 5, 1962, 204 - 211

TEXT: After a brief description of the VEITCH diagram, the authors present the following simple synthesis methods, derived by them from the VEITCH diagram; synthesis of logical circuits with AND - OR - NOT elements; synthesis by making the AND - OR - NOT elements equivalent to NOR elements; and synthesizing logical circuits directly into NOR elements, the last method being the simplest out of the three. Two examples prove this fact. A logical decision block based on the third method needs only 9 UNILOG elements, while the same block based on the first method would require 10 UNILOG elements. A parallel adder, based on the third method needs 10 UNILOG elements and based on the first it needs 12. The authors present in an appendix some logical circuits and a table for the synthesis of logical circuits with two variables. Conclusions: The method of synthesizing logical circuits directly into NOR elements may be used in planning logical dia-

Card 1/2

Synthesis method for logical circuits without memory

R/011/62/006/005/003/003  
A065/A126

grams with UNILOG elements, or in automation diagrams in which the relays are replaced by static UNILOG switching elements. The method is simple and guarantees an economic solution with a minimum number of static switching elements. There are 13 figures and 4 tables. The most important English-language references read as follows: M. Phister, Logical design of digital computers; E.M. Grabbe, Handbook of Automation Computation and Control, New York, John Wiley and Sons.

Card 2/2

LAZAR, J.

Chemical Abs.  
Vol. 48 No. 9  
May 10, 1954  
Soils and Fertilizers

Introductory studies on the soils of the Carpathian Flysch.  
J. Lazar. Roczniki Nauk Rolniczych '66, Ser. A, No. 1, 95-  
127(1952).—The soils of the Carpathian Flysch up to an  
altitude of around 1150 m. are predominantly brown soils of  
slight or medium development and slight and brown soils of  
limestone origin. Brown cultivated soils also show a  
moderate or strong satn. Forestation of such soils with  
coniferous tree stands resulted in their podzolization.  
Moisture soils show a greater degree of podzolization on lower  
and more even elements of the relief on which strong vertical  
movement of soil solus takes place. Soils derived from  
coarse-grain sandstone show a greater degree of podzoliza-  
tion, however, soils of this type occupy only a small area.  
From an altitude of approx. 1100 m. and up, podzolic moun-  
tain soils occur with an alluvial humus (forest soils, turf  
soils, peat soils, intermediate peat soils); peat soils  
(Sphagnum) also appear as zonal mountain soils. On the  
southern slopes, the zone of brown soils rises and a smaller  
degree of peat accumulation is noticeable. The very  
differentiation of soil covering is a result mainly of bioclima-  
tic factors.

Ernest G. Jaworski

POLAND/Soil Science - Genesis and Geography of Soils.

J

Abs Jour : Ref Zhur Biol., № 22, 1958, 99996

Author : Lazar, J.

Inst :  
Title : Soils of the Park of Culture and Rest in Chorzowie

Orig; Pub : Roczn. nauk rolniczych, 1956, A73, № 4, 652-654

Abstract : No abstract.

Card 1/1

- 22 -

POLAND/Soil Science - Soil Genesis and Geography.

J

Abs Jour : Ref Zhur Biol., No 1, 1959, 1334

Author : Lazar, J.

Inst : ~~University of Warsaw~~

Title : Soils in the Vicinity of the City of Zywiec.

Orig Pub : Roczn. nauk rolniczych, 1957, A76, No 1, 65-105

Abstract : Conditions of soil formation and characteristics of the soil-vegetative cover are reported on the western Beskids mountains in the area of the city of Zywiec (Poland). In the low mountain zone and on the slopes there were spread skeletal brown soil, podzolic, alluvial and gray-brown cultivated soils. Above 1000 m there were mountain-meadow soils. Examples are given for the agricultural utilization of the soils. -- P.V.  
Shranko

Card 1/1

LAZAR, J.; ZAHOR, Z.

Chorioangioma placentae. Cesk. gyn. 24[38] no.3:220-222 Mar 59.

1. Gyn.-por. odd. OUNZ Novy Bor, II. patol. anatomi. ustanov KU v Praze,  
prednosti prof. dr. V. Jedlicka. J. L., gyn.-por. odd. OUNZ, Ostrov u  
Karl. Varu.

(HYDATIFORM MOLE, case reports,  
(Cz))

DLHOS, E., doc.; LAZAR, J.

Culdoscopy. Cesk. gynek. 27 no.10:710-717 D '62.

1. Gyn. por. klin. SUDL v Trencine, prednosta doc. dr. E. Dlhos.  
(CULDOSCOPY)

CZECHOSLOVAKIA

LAZAR, J., Ministry of Health, Budapest, Hungary.

"Planning of the Drugs Supply."

Prague, Ceskoslovenska Farmacie, Vol XII, no 7, September 63,  
pp 341-344.

Abstract: This paper was submitted to the First Pharmaceutical Symposium of Socialist Countries in Sofia, 25 to 27 September 1962. It contains a review of the Hungarian pharmaceutical industry and service during the recent years, and some information on the drugs supply and its planning with percentage figures reaching till 1980. Plans for the training of pharmacists are briefly discussed.

1/1

LAZAR, Janos

Before the annual conference of the International Labor Organization. Hung TU no. 5: 18-19 My '64.

LAZAR, J.

Stability of forebays of high-pressure hydroelectric plants. v. 33.

Vol. 4, no. 10, Oct. 1954

VODNI HOPSOVÁSTI

Praha, Czechoslovakia

Source: East European Accession List. Library of Congress  
Vol. 5, No. 3, August 1956

LAZAR, J.

Surge-tank stability of high-pressure hydroelectric-power plants. p. 335.  
VODNI HOSPODARSTVI. Vol. 4, no. 11, Nov. 1954.

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 5, No. 6, June 1956 Uncl.

LAZAR , J.

Earth dam construction by hydraulic filling methods.

P. 198, (Vodni Hospodarstvi) No. 8, Aug. 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Acquisitions (EMAI) Vol. 6, No. 11 November 1957

LAZAR, J.

"Hydraulic plant on the Angara River near Irkutsk."

Pt. 1 P. 318 (Vodni Hospodarstvi) No. 12, Dec. 1957  
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

LAZAR, J.

"Hydroelectric-power station on the Volga River near Stalingrad." P. 209.

VODNI HOSPODARSTVI. (Ustredni sprava vodniko hospodarstvi). Praha,  
Czechoslovakia, No. 5, May 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,  
August 1959.  
Uncla.

LAZAR, J.

Investigation of the granulometric composition of desintergrated aggregations as produced by a communiting machine. Acta techn Hung  
32 no.3/4:325-341 '61. (EEAI 10:6)

1. Konstruktionsbureau fur Industrie und Landwirtschaft (Iparterv)  
(Crushing) (Grinding) (Cranular substances)

LAZAR, J., Kandidat der techn.Wissenschaften

Practical applications of grain size distribution curves  
in the process of the coarse grinding. Acta techn Hung  
48 no. 1/2:85-108 '64.

1. Zentralforschungsinstitut fur Baustoffe, Budapest.

KOLESZAR, Gy.; LAZAR, J.

Effect of light on eosinophil count in strabism. Acta paediat.  
6 no.2:211-220 '65.

1. Department of Ophthalmology and Laboratory, County Hospital,  
Debrecen. Submitted February 19, 1965.

VINKLER, Elemer; LAZAR, Janos

Current data on the identification test of thymol with nitric acid. Acta pharm. Hung. 35 no.6:248-251 N '65.

1. Submitted June 17, 1965.

L 33619-66 EMP(j) RM  
ACC NR: AP6025016

SOURCE CODE: HU/0005/65/071/011/0481/0489

28

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AUTHOR: Klivenyi, Ferenc; Vinkler, Flemer; Lazar, Janos

ORG: Institute of Pharmaceutical Chemistry, College of Medicine, Szeged (Szegedi Orvostudomanyi Egyetem Gyogyszereszi Vegytani Intezete)

TITLE: Further studies on the reduction of sulfochlorides and thiolsulfonic acid esters

SOURCE: Magyar kemiai folyoirat, v. 71, no. 11, 1965, 481-489

TOPIC TAGS: ester, chemical reduction, sulfonic acid, mercaptan

ABSTRACT: Reduction of aliphatic and alicyclic sulfochlorides proceeds, at room temperature, through the sulfinic acid and probably sulfenic acid, yielding mercaptan. The process takes place parallel to the formation of disulfide, which results from the reaction of sulfinic acid and mercaptan. When the reduction is carried out at the boiling point, a part of the sulfinic acid is converted into sulfonic acid and thiolsulfonic acid ester. In the case of the reduction of aromatic sulfochlorides with zinc and acid the sulfinic acid formed at room temperature further reacts to give thiolsulfonic acid ester. At the boiling point the yield of thiolsulfonic acid ester increases. Orig. art. has: 5 tables. [Based on authors' German abst.] [JPRS: 33,906]

SUB CODE: 07 / SUEM DATE: 19Mar65 / ORIG REF: 007 / SOV REF: 001 / OTH REF: 008

Card 1/1 L5

2916 0181

LAZAR, J.; MATKOVICS, B.; FOLDEAK, S.; PORSZASZ, J.

Synthesis on substances effecting on C.N.S. Pt.7.  
Acta phys chem Szeged 9 no. 3/4:148-156 '63.

1. Institute of Organic Chemistry, Jozsef Attila University,  
Szeged (for Lazar, Matkovics, Foldeak). 2. Institute of  
Physiology, Medical University, Szeged (for Porszasz).

VINKLER, Elemer; LAZAR, Janos; KLIVENYI, Ferenc

Proving the composition of the so-called "cystine disulfoxide"  
by synthesis. Magy kem folyoir 67 no.7:303-306 Jl '61.

1. Szegedi Orvostudomanyi Egyetem Gyogyszereszi Vegytani  
Intezete.

VINKLER, Elemer, dr., doz. (Szeged, Eotvos u.2); LAZAR, Janos, dr. (Szeged, Eotvos u.2);  
KLIVENYI, Ferenc, dr. (Szeged, Eotvos u.2)

Data on the constitution of the so-called "cystine disulphoxide."  
Acta chimica Hung 30 no.2:233-238 '62

1. Pharmazeutisch-Chemisches Institut der Medizinischen Universität.

45236.56 10  
ACC NR: A16033879

SOURCE CODE: HU/2502/65/046/004/0357/0372

AUTHOR: Klivenyi, Ferenc--Fliveni, F. (Doctor; Szeged); Lazar, Janos--Lazar, Ya. B./  
(Doctor; Szeged); Vinkler, Elemer (Professor; Doctor; Szeged)

ORG: Institute for Pharmaceutical Chemistry, Medical University, Szeged

TITLE: Further investigations on the reduction of sulfochlorides and thiosulfonic acid esters

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 46, no. 4, 1965, 357-372

TOPIC TAGS: sulfur compound, organic sulfur compound

ABSTRACT: A great number of sulfochlorides and thiosulfonic acid esters was reduced with zinc and acid under various experimental conditions and the products of the reaction were determined. The results are presented in full detail. Further reactions between the reaction products and/or the initial reaction components were also discussed. This paper provides further data on the findings reported by the authors Ibid., vol. 1, 1951, p. 319 and vol. 5, 1954, p. 159. Mrs. Doctor E. Rozsa carried out the experiment. Orig. art. has: 2 tables. [Orig. art. in German] [JPRS: 34,165]

SUB CODE: 07 / SUBM DATE: 18May65 / ORIG REF: 006 / SOV REF: 001  
OTH REF: 010

Card 1/1 5/11/86

1930 1007

LAZAR, Jeno

"Use of Pulverised Basalt and Andesite to Replace Pulverized Limestone."

SO: "Civil Engineering Review", Vol. II, No. 7, July 1952 (Hungary)

LAZAR, J.

88. On the results of tests conducted on crushers —  
*Betonmásszabokról és gránit visszatérítéséről* —  
J. Lazar. (Building Materials — Építanyag — Vol. 6,  
1934; No. 2, pp. 64—76, 19 figs.)

Tests have proved that the particle size distribution of crushed piles conforms with the normal distribution (Gauss) curve. The figure of the curves is so completely uniform that the entire curve is determined by the knowledge of a single point e.g. the max grain size of the pile. A series of graphs, equally valid for rocks of various strength, is given for the determination of the particle size distribution in piles of various grades. The tests also covered the power requirements; it was found that the crushing of basalt and andesite consumed an approx equal amount of energy, limestone required about 30% less. It is sufficient however to measure the energy consumed by the crushing of one ton of rock for determining the specific requirement of energy since a crusher does not only comminutes a large quantity of stone during an identical period of time but it crushes it into a finer grain size as well. If the material is crushed to various grades of fineness by changing the crusher setting, power requirements may be graphically determined by Rittinger's law from the size distribution curves.

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000928910008-4

LAZAR, J.

"Pneumatic Equipment for Deep Boring, Jewels and for Explosions in Quarries",  
p. 161, EPITOMA MAG, Vol. 6, No. 5, May 1954, Budapest, Hungary)

SC: Monthly List of East European Acquisitions (EPAI), IG, Vol. 4, No. 3,  
March 1955, Unclassified.

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000928910008-4"

LAZAR, J.; BENYIK, D

"Remarks on B. Deke's Article 'Need for Power in Crushing Operation'",  
P. 245, (EPITCAWAG, Vol. 6, No. 7, July 1954, Budapest, Hungary)  
CC: Monthly List of East European Accessions (EEL), 1C, Vol. 4, No. 3,  
March 1955, Uncl.

LAZAR

72. Recent investigations on particle size distribution  
in size reduction - J. Lázar. (Eptemnyug - Vol. 7,  
1955 No. 3, pp. 82-86.)

An attempt is made to establish the laws governing particle size distribution in the products of the various types of crushing and pulverizing equipment. Tests and practical investigations have proved that the particle size distribution (per cent by weight) of the products of jaw and gyratory crushers follows the Gaussian curve and is therefore of "normal" distribution. The distribution curve peaks of the products of pulverizers (swing-hammer mills, disintegrators, etc.) are shifted greatly to the left and can be rendered symmetrical by plotting them on graph paper with the x-axis laid off on a logarithmic scale. Thus these curves show "logarithmically normal" distribution. The shape of the curves of roll crushers depends on the degree of reduction. At high degrees of reduction the curves obtained are "logarithmically normal", "normal" at medium degrees of reduction, whereas at low degrees of reduction the peak shifts to the right and the distribution is "logarithmically normal". The second part of the study is based on the calculus of probability dealing with the numerical distribution of particles in the products of various machines used for size reduction. A comprehensive theory, based on the former has been established covering the cause and laws of the configuration of the per cent by weight curves.

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SECRET

LAZAR, J.

Modern designing of quarries, p. 263, EPITOANYAG (Epitoanyagipari  
Tudomanyos Egyesulet es a Nevezvegyipari Kuato Intezet Szilikat  
Osztalya) Budapest, Vol. 8, No. 7, July 1956

SOURCE: East European Accessions List (EEAL) Library of Congress,  
Vol. 5, No. 11, November 1956

LAZAR, J.

Investigation of the distribution laws of the granulemetric composition of  
crushed or finely crushed aggregations. p. 105.

EPI TO ANYAG. (Epitoanyagipari Tudomanyos Egyesulet)  
BUDAPEST, HUNGARY  
Vol. 11, no.3, Mar.1959

Monthly List of East European Accessions (EEAI) LC., Vol. 8, no.7, July 1959  
Uncl.

(AZAR, Yene [Lazar, Jenő] (Budapest)

Planning in the provision of medicaments. App. de la malade  
68-71 Jl-Ag 100 (M. 11)

LAZAR, Jeno, dr.

Changes in the granular structure of stone material aggregates passing through the crushing machines in regard to the advancement of the crushing process. Epitoanyag 15 no.4:120-130 Ap '63.

LAZAR, Jeno, dr.

Practical application of the distribution curves of the size of grains. Epitoanyag 15 no. 83301-311 Ag '63.

LAZAR, Jeno, dr., okleveles gépész mérnök, a műszaki tudományok kandidátusa

Tasks of the quarry industry to coordinate stone material requirements for road and railway construction with the production capacity of the quarry industry. Melyepitestud szemle 13 no.11:484-488 N°63.

1. Építőanyagipari Kutató Intézet, Budapest.

LAZAR, Jeno

Investigation of the gravel occurrence at Hegyeshalom.  
Epitoanyag 16 no. 4: 138-145 Ap '64.

1. Central Research Institute of Building Materials Industry.

LAZAR, Jenö [deceased]

Two new methods for testing the strength of rocks. Epitechnika  
17 no.3:90-91 Mr '65.

1. Central Research Institute of Building Materials Industry of  
the Ministry of Construction, Budapest.

LAZAR, Jeno

15 years of our drug supplies. Nepegeszsegugy 41 no. 4:108-  
111 Ap '60.  
(DRUG INDUSTRY)  
(PHARMACY)

LAZAR, Jeno

Experiments with crushing machines. Epitoanyag 16 no.7:259-266  
J1 '64.

1. Central Research Institute of Building Materials Industry,  
Budapest.

LAZAR, Josef, inz.

Construction of some dams. Vodni hosp 13 no.8:316-319 '63.

1. Hydroprojekt, Praha.

LAZAR, Jozef

Algal flora in the Pomurje region. MSc inst 12:21-42 '64.

1. Biologic Institute of the University of Ljubljana, Ljubljana.  
Submitted July 31, 1964.

LAZAR, Jozsef, okleveles villamosmérnök, adjunktus

Reduction of pulsations in the asynchronous operation of  
turbogenerators. Elektrotehnika 56 no.1/2:3-13 F '63.

1. Budapesti Műszaki Egyetem Villamosgépek Tanszéke, Budapest  
XI., Egry József u.18.

HUNGARY

HAJDU, Bela, Dr, VAJDA, Istvan, Dr, LAZAR, Jozsef, Dr, SZABOLCS, Marton, Dr; Hospital of the Hajdu-Bihar Megye Council, I. Medical Ward, Central Laboratory (Hajdu-Bihar Megyei Tanacs Korhaza, I. Belosztaly, Kozponti Laboratorium) and Medical University of Debrecen, Central Laboratory (Debreceni Orvostudomanyi Egyetem, Kozponti Laboratorium).

"Primary Macroglobulinemia."

Budapest, Orvosi Hetilap, Vol 104, No 39, 29 Sep 63, pages 1853-1854.

**Abstract:** [Authors' Hungarian summary] The authors report a case of macroglobulinemia. The clinical picture and results of tests indicate that the case corresponds to the primary form of the disease as classified by Waldenstrom. 6 Hungarian, 13 Western references.

1/1

LAZAR, Jozsef (Budapest, XI., Egry Jozsef u.18)

Reduction of pulsations in the asynchronous operation of  
turbogenerators. Periodica polytechnica electr 8 no.1:23-46 '64.

1. Department of Electrical Machines, Polytechnical University,  
Budapest. Presented by Prof. Dr. O. Benedikt.

GAI, I.; JAVOR, T.; KESZTYUS, L.; LAZAR, J.; NIKODEMUSZ, I.; SZILAGYI, T.; VIGH, L.

Effect of roentgen rays on diphtheria toxin. Acta physiol. hung. 2 no.  
3-4:533-537 1951. (CLML 22:1)

1. Of the Pathophysiological Institute and of the First Medical Clinic,  
Debrecen University.

LAZAR, J.

GAL, I.; JAVOR, T.; KESZTYUS L.; LAZAR, J.; NIKODEMUSZ, I.; SZILAGYI, T.;  
VEGH, L.

Effect of roentgen rays on diphtheria toxin. Kiserlates Orvostud.  
3 no. 5:363-365 1951.  
(CLML 21:3)

1. Doctors except Javor and Lazar. 2. Institute of Pathology and  
First Internal Clinic of Debrecen Medical University.

LAZAR J.

NIKODEMUSZ, Istvan; JAVOR, Tibor; LAZAR, Jozsef

Alcohol consumption and tolerance in alcohol-habituated bacteria.  
Kiserletes orvostud. 6 no.5:414-416 Sept 54.

1. Debreceni Orvostudomanyi Egyetem Mikrobiologiai Intezete.  
(*PSEUDOMONAS*, metab.  
alcohol metab. & tolerance)  
(*ALCOHOLS*, metab.  
*Pseudomonas* strains, tolerance)  
(*ACOHOLS*, eff.  
on *Pseudomonas* strains, tolerance)

LAZAR J.

NIKODEMUSZ, Istvan; LAZAR, Jozsef; MELLES, Zoltan; JUHASZ, Pal

Bactericidal effect of alcohols on alcohol-habituated strains and  
on Pseudomonas laboratory strains. Kísérletes orvostud. 6 no.5:  
417-421 Sept 54.

1. A Magyar Néphadsereg Egészségügyi Szolgálatá es debreceni  
Orvostudományi Egyetem Mikrobiológiai Intézete.

(ALCOHOLS, eff.

on Pseudomonas strains)

(PSEUDOMONAS, eff. of drugs on  
alcohols)

A. The bacteriostatic action of the furan compounds. I.  
Endre Jeney, Tibor Zsolnai, and József Lázár (Univ,  
Debrecen, Hung.). *Zant. Bakteriol. Parasit.*, Abt. I  
Orig. 160, 670-70 (1954).—The effect of 18 furan compounds  
on *Mycobacterium tuberculosis*, *M. smegmatis*, *M. phlei*,  
*Micrococcus pyogenes* var. *circus*, *Bacillus subtilis*, *E. coli*,  
*Salmonella typhosa*, and *Shigella paratyphenteriae* was stud-  
ied. The furan ring plays an important role in inhibition  
of tubercle bacteria. The action is increased by the pres-  
ence of azin, phenylhydrazone, or nitrophenylhydrazone  
groups. Toxicity of these compds. seems low, but more  
study is needed. John T. Myers

LAZAR, J.

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J

HUNG.  
GERM.

Alcohol resistance and alcohol tolerance in alcohol-  
accustomed microorganisms. I. Nikodémusz, T. Javor,  
and J. Lérár (Univ. Debrecen, Hung.). *Zentr. Bakteriol.*  
*Parasiten*, Abt. I, Orig. 162, 239-65 (1956).—Alterations  
in environment may induce bacteria to develop new prop-  
erties. Induced resistance to alc. carries some resistance  
to homologous alcs., but alc. is better utilized as a C supply.  
The alc.-adapted strains assimilate 4, 5, or 6% of MeOH  
whereas lab. strains cannot utilize MeOH as a source of C.  
Tolerance to propyl alc. is also increased, so that it can be  
used as a C source. Adapted strains can also utilize butyl  
alc. although it is bacteriostatic in the same concn. for lab.  
strains. Strains adapted to alc. produce more acid than do  
lab. strains.

John T. Myers

LAZAR, J.

✓ 8207. The bacteriostatic action of furan compounds. II. E. Jeney, T. Zsolnai, and J. Lazar *Zbl. Bakter.*, 1955, 163, 291-301 (Mikrobiologischen Inst. der M. I. Univ. in Debrecen).—Thirty furan deriv. and their benzene analogues have been examined for their bacteriostatic and tuberculostatic actions with particular reference to the rôle of the furan ring. The therapeutic effect of furalyl phenylhydrazone and fursulal- $\beta$ -nitro-phenylhydrazone has been compared with that of Thionycid on experimental guinea pig tuberculosis. (German) G. W. CAMBRIDGE.

NIKODEMUSZ, Istvan; LAZAR, Jozsef; DOZSAN, Gabriella; MELLE, Zoltan;  
JUHASZ, Pal

Alcohol utilization by alcohol sensitive and resistant Pseudomonas  
strains in the presence of carbohydrates. Kiserletes orvostud.  
8 no.4:416-420 July 56.

1. Debreceni Orvostudomanyi Egyetem Mikrobiologiai Intezete es a  
Nephadsereg Egeszsegugyi Szolgalata.

(PSEUDOMONAS, metab.

alcohol utilization & eff. in sensitive & resistant  
strains in carbohydrate culture medium (Hun))

(ALCOHOLS, metab.

Pseudomonas strains, utilization & eff. in resistant  
& sensitive strains in carbohydrate culture medium (Hun))

NIKODEMUSZ, Istvan; LAZAR, Jozsef; DOZSAN, Gabriella; MELLES, Zoltan;  
JUHASZ, Pal

Resistance of alcohol sensitive and resistant Pseudomonas  
strains toward the bacteriostatic effect of univalent alcohols.  
Kiserletes orvostud. 8 no.5:449-453 Sept 56.

1. Debreceni Orvostudomanyi Egyetem Mikrobiologiai Intezete es a  
Nephadsereg Egeszsegugyi szolgalata.  
(PSEUDOMONAS, eff. of drugs on  
alcohols, monohydric, resist. & sensitivity of various  
strains (Hun))  
(ALCOHOLS, eff.  
monohydric alcohols on various Pseudomonas strains,  
resist. & sensitivity (Hun))

LAZAR, J.

Contributions to the problem of antibiotic antagonism. p. 337.

ACTA MICROBIOLOGICA. (Magyar Tudomanyos Akademia) Budapest, Hungary, Vol. 5,  
no. 4, 1958. In English.

Monthly list of East European Accessions, (EEAI) LC, Vol. 1, no. 1, Jan. 1960.  
Uncl.

LAZAR, Jozsef, dr.; STENSZKY, Erno, dr.; HAJDU, Bela, dr.

Quantitative determination of gastric acidity without a tube. Orv.  
hetil. 102 no.18:830-832 30 Ap '61.

1. Megyei Tanacs, Kerhaza, Debrecen.

(GASTRIC JUICE)

HAJDU, Bela, dr.; VAJDA, Istvan, dr.; LAZAR, Jozsef, dr.; SZABOLCS,  
Marton, dr.

Primary macroglobulinemia. Orv. hetil. 104 no.39:1853-1854  
29 S '63.

l. Hajda-Bihar megyei Tanacs Korhaza, I. Belosztaly, Kozponti  
Laboratorium es Debreceni Orvostudomanyi Egyetem, Kozponti  
Laboratorium.

(MACROGLOBULINEMIA) (LEUKEMIA, LYMPHOCYTIC)  
(BLOOD CHEMICAL ANALYSIS) (ELECTROPHORESIS)  
(GAMMA GLOBULIN)

Tests

HUNGARY

LAZAR, Jozsef, Dr; KOVACS, Eva, Dr; Hajdu-Bihar Megye Council, Hospital, Central Laboratory (Hajdu-Bihar Megyei Tanacs Korhaza, Komponi Laboratorium).

"Modification of the Rappaport-Eichhorn Method of Cholesterol Determination."

Budapest, Orvosi Hetilap, Vol 107, No 47, 20 Nov 66, pages 2235-2236.

Abstract: [Authors' Hungarian summary] The Rappaport-Eichhorn method of serum cholesterol determination was modified by the authors. The 619  $\mu$  wave length is recommended for photometric determination. The interference by a high serum bilirubin content is corrected by a calibration curve set up separately using bilirubin solutions. 1 Hungarian, 4 Western references.

LAZAR, Karoly, okl. gepezmernok

The TEXTIMA-NUWUB power flat knitting machine. Magy. textil 13 no.9:  
399-404 S '61.

1. Budapesti Muszaki Egyetem Textiltechnologia es Kompyuipari Tanszek.

LAZAR, Karoly, okleveles gépeszmérnök, tanarseged

Roughknitting machines. Magy textil 14 no.9:406-415  
S '62.

1. Műszaki Egyetem, Budapest.

HAVAS, Ivonne, tanarseged; LAZAR, Karoly, tanarseged

Technological aspects of the quality reducing possibilities  
of stocking machines. Magy textil 16 no. 3:104-113 Mr '64.

1. Budapest Technical University.

HAVAS, Ivonne, tanarseged; LAZAR, Karoly, tanarseged

Vibration test of warp knitting machines. Magy textil 16 no.3:  
351-358 Ag '64.

1. Chair of Textile Technology and Light Industry, Budapest  
Technical University.

VEKASSY, Alajos, dr.; HAVAS, Ivonne; LAZAR, Karoly

Manufacturing inaccuracies of fine stocking knitter as causes for yarn defects. Magy textil 17 no.3:131-134 Mr '65.

1. Budapest Technical University.

LAZAR L.

ROMANIA / Cultivated Plants. Grains.

Abs Jour: Ref Ziar-Biol., 1958, No 15, 72914.

Author : Pantea, C.; Ples, D.; Popescu, I.; Lazar, L.

Inst : Inst. Biol.

Title : Influence of Micro-Elements on the Growth and De-

velopment of Corn.

Oris Pub: Studii si cercetari stiint. Acad. RPR P11, Iasi.

Biol. si stiinta agric., 1958, 7, No 1, 153-160.

Abstract: Treatment of seeds with boric acid in a concen-

tration of 0.25 accelerates the appearance of pan-

icles by 3-4 days, ripening of ears and increases

yield. If the plants are

sprayed with boric acid the influence of the boric

acid on the growth of the ears and increases the rip-

ening period of the ears and increases the harvest.

Card 1/2

R-3

ROMANIA / Cultivated Plants. Grains.

Abs Jour: Ref Ziar-Siol., 1958, No 16, 73914.

R-3

Abstract: The influence of uranium appears sharper when

plants are sprayed, but not with treatment of

seeds with nitric acid uranium in a concen-

Card 2/2

32

POPA,N., ing.; BIRSAN,G.,ing.; BANICA,P., ing.; LAZAR,L., ing.;  
VASILIU,M.

Debating the quality of light insulating materials. Constr  
Buc 16 no.73622 15 F'64.

1. Director al Intreprinderii de Prefabricate de Elemente de  
Constructie, Brasov (for Birsan). 2. Directorul intreprin-  
derii "Granitul", Bucuresti (for Banica). 3. Directorul  
fabricii "Talajan", Berzeni (for Vasiliu).